PCYSYS Pen-Testing Platform

CONTINUOUS VALIDATION
Test as frequently as needed.

CONSISTENT VALIDATION
Test all your networks to the same high standard.

CURRENT DEFENCE
Keep up with the latest hacking techniques with regular software updates.

EASY DEPLOYMENT
Installation on your local network takes just a few hours, securing your vulnerabilities from the internet and the outside world.

EnterpriseRed is a provider of Cybersecurity solutions, consultancy and training.

www.enterprisered.com
+44 (0) 203 371 9178
sales@enterprisered.com

PCYSYS
Cyber Resilience

BENEFITS

- Continuous security validation: helps to reduce your attack surface and to meet regulatory requirements.
- Continuous penetration-testing, enabling identification of breaches in real time.
- Real-threat mimicking – conducts actual exploitations not just control-level simulations.
- Explorations are kept harmless and serve only to further penetration steps.
- Agentless "plug and play" solution – no need for software agent.

The problem
As organisations are continuously targeted by hackers, they are compelled to validate the security controls of their IT infrastructure by safely trying to uncover exploitable vulnerabilities. Traditionally, this is done by manual penetration testing, performed by ethical hackers. However, this is time-consuming, expensive and cannot comply with the need for continuous security validation within a dynamic IT environment.

A global shortage of information security professionals and the increase in cyber threat sophistication drives the need for automated penetration testing software.

The solution
PCYSYS AI penetrating-testing platform mimics the hacker's mindset, automates the discovery of vulnerabilities and performs ethical exploits while ensuring a smooth network operation. Detailed reports are produced, together with proposed remediations, one step ahead of tomorrow's malicious hacker.

PCYSYS improves the way organisations validate their cyber-security risk, by delivering the most sophisticated, continuous and cost-effective penetration-testing software.

Functionality

Level 1: Full vulnerability scanning, replacing tools like NESSUS/Qualys.

Level 2: Black/gray box pen-testing: performing penetration vectors by applying safe exploitations, remediation recommendations and attack vectors reports.

Level 3: Ethical hacking: performing bespoke use cases and business impact analysis showing potential breach of critical services, application, source code and data.

Methodology and Approach
PCYSYS' methodology and approach are based on the same best practices as manual penetration-testing while utilising the advantage of a machine-based, self-learning, continuous ethical hacking, working consistently for you 24/7.

To find out more
Contact EnterpriseRed either via email at sales@enterprisered.com or call 0203 371 9178.

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